

PDP67 F 10DI4DO 5/8 VA ION

772611



Decentralised input/output module for PNOZmulti 2, protection type IP67, stainless steel connections, connection via connection module PDP link, 10 safe digital inputs, 4 safe outputs, 8 outputs configurable as standard, test pulse or 24 V, connections 2 x M12 5-pin and 2 x M12 8-pin.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, TÜV
Application range:	Standard/failsafe

Technical data

Electrical data

Purpose of U1:	supply
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Purpose of U2:	Load supply
Supply voltage U2:	24 - 24 V
Type of supply voltage U2:	DC
Tolerance of U2:	-30 %/+25 %
Max. device circuit breaker:	10 A

Inputs

Number of inputs:	10
DC voltage at input:	24 V
Input type to EN 61131-2:	1, 3
Potential isolation input:	Yes

Semiconductor outputs

Function of S/C output:	Test pulse output, 24 VDC output, Standard output
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DC voltage at output:	24 V DC
Potential isolation of S/C O:	Yes
S/C output short circuit proof:	Yes
Perm. load 1pole Output:	Resistive, Inductive, Capacitive
Environmental data	
Climatic suitability to ...:	EN 60068-2-78
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	-30 - 60 °C
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-78
Humidity rating:	93 % r. h. at 40 °C
Perm. operating height ASL:	2000 m
EMC to standard ...:	EN 61000-4-8, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-2, EN 61000-4-3
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	15g
Clearance & creepage dist. to:	IEC 60664-1
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Protection type, housing:	IP67 (not evaluated by UL)
Potential separation	
Potential isolation 1 between:	Input and int. bus voltage
Type of potential isolation 1:	Basic insulation
Potential isolation 2 between:	SC output and int. bus voltage
Type of potential isolation 2:	Basic insulation
Mechanical data	
Housing material:	PBT, Valox 855
Housing material code:	PC

Connection terminal:	M12 1.4305 stainless steel
Terminal style:	screw interlocked
Height dimension:	162 mm
Width dimension:	60 mm
Depth dimension:	30 mm
Net weight:	315 g
Gross weight:	332 g
Environment	
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242204
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001419
UNSPSC 25:	39122331
GTIN:	4046548105414
Volume:	0 dm3
Harmonized System Code:	85389091
Type of tariff number:	TARIC
Use of customs tariff number:	Ausfuhr, Einfuhr
Quantity per packaging unit:	1